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# **INFORMATION DISCLOSURE STATEMENT BY APPLICANT**

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**Complete if Known**

Application Number	10/816,123
Filing Date	04/01/2004
First Named Inventor	Jacobson
Art Unit	2173
Examiner Name	Unassigned
Attorney Docket Number	JACO0001

Sheet 1 of 4

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
PK	a	US- 7,006,881	02-2006	Hoffberg et al	
	b	US- 2003/0115490	06-2003	Russo et al	
	c	US- 2003/0184589	10-2003	Yamada et al	
	d	US- 2005/0057339	03-2005	Ikehara et al	
	e	US- 2006/0064415	03-2006	Guyon et al	
	f	US- 2006/0101163	05-2006	Lu	
	g	US- 2006/0155398	07-2006	Hoffberg et al	
	h	US- 2006/0202956	09-2006	Lu	
	i	US- 6,400,996	06-2002	Hoffberg	
	j	US- 6,601,192	06-2003	Bowman-Amuah	
	k	US-			
	l	US-			
	m	US-			
	n	US-			
	o	US-			
	p	US-			
	q	US-			
	r	US-			
	s	US-			

**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
PK	AA	WO 2004097801	11-2004	Ahmed et al		
	BB	EP 1349046	02-2003	Fujitsu Ltd.		
	CC	WO 2002103954	12-2002	Blowulf Tech.		
	DD	WO 2003083758	10-2003	Bank25 Co., Ltd.		
	EE	JP 11119906	04-1999	Taisei Corp.		
	FF	JP 2004054395	02-2004	Nippon Electric Co.		

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		Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known)				
PJE	GG	EP 1685794	11-2004	Sony Corp.		
✓	HH	WO 2003007125	01-2003	Icontrol Transactions Inc		
	II					
	JJ					
	KK					
	LL					

Date Considered	10/14/08
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**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
PK	A	GAMBOA, H. et al.; A Behavioral Biometric System Based On Human Computer Interaction; Escola Superior de Tecnologia de Set'ubal, Campo do IPS, Estefanilha, 2914-508 Set'ubal, Portugal	
	B	GOULD, S.; A Novel Approach to User Authentication Through Machine Learning of Keyboard Acoustic Emanations; CS229 MACHINE LEARNING FINAL PROJECT - GOULD sgould@stanford.ed	
	C	Mouse movement analyzer: ID someone based on their mouse movements; <a href="http://www.halfbakery.com/idea/mouse_20movement_20analyser">http://www.halfbakery.com/idea/mouse_20movement_20analyser</a>	
	D	PUSARA, M. et al.; User Re-Authentication via Mouse Movements; VizSEC/DMSEC'04, Proceedings of the 2004 ACM Workshop on Visualization and Data Mining for Computer Security, p 1-8; Washington, DC, USA; October 29, 2004	
	E	Suggested Research Topics: <a href="http://csis.pace.edu/~clappert/research/researchtopics.htm">http://csis.pace.edu/~clappert/research/researchtopics.htm</a>	
	F	PUSARA, M. et al.; User Re-Authentication via Mouse Movements; <a href="http://portal.acm.org/citation.cfm?id=1029210">http://portal.acm.org/citation.cfm?id=1029210</a>	
	G	CLAYPOOL, M. et al.; Implicit Interest Indicators; Computer Science Department, Worcester Polytechnic Institute, MA; UI'01, January 14-17, 2001, Santa Fe, New Mexico, USA	
	H	YUAN QI et al.; Context-sensitive Bayesian Classifiers and Application to Mouse Pressure Pattern Classification; Media Lab, MIT, Cambridge, MA	
	I	Secure Web Based Mail Services by Keith Pasley, CISSP on 24/01/04; <a href="http://www.infosecwriters.com/texts.php?op=display&amp;id=142">http://www.infosecwriters.com/texts.php?op=display&amp;id=142</a>	
✓	J	DAVIS, D. et al.; On-user choice in graphical password schemes; Proceedings of the 13th USENIX Security Symposium p. 151-63; USENIX Association, Berkeley, CA, USA; 2004	

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PK	K	ABHIJIT RAO; Inception of Relation-based User Authentication system coupled with User Behavior Analysis; Manipal Institute of Technology, Manipal, Karnataka, India; ITG Publication, December 2001: 4.1; <a href="http://www.internetg.org/newsletter/dec01/article_rao.html">http://www.internetg.org/newsletter/dec01/article_rao.html</a>	
	L	JERMYN, I. et al.; The Design And Analysis of Graphical Passwords; March 8, 1999; Department of Computer Science, New York University, USA; Jermyn@cs.nyu.edu	
	M	MOYLE, M. et al.; A Flick in the Right Direction: An Evaluation of Simple Gesture Based Controls; November 2, 2001	
	N	MOYLE, M. et al.; Analysing Mouse and Pen Flick Gestures; Human-Computer Interaction Lab, Department of Computer Science, University of Canterbury, Christchurch, New Zealand; 2002	
	O	Google Search: user authentication and mouse movement; 09/15/2006 01:47 PM;	
	P	MINGZHE ZHU; A World Wide Web Based Server for Technology Transfer and Remote Collaboration; Thesis, B.E., Tsinghua University, Beijing, 1988; M.E., Tsinghua University, Beijing, 1993; Submitted to University of Illinois at Urbana-Champaign, 1996	
	Q	HOWE, JEFF; Wired Magazine; "That Doesn't Even Look Like My Typing"; June 2005	
	R		
	S		
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PTO/SB/08A (07-05)

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First Named Inventor	Dov Jacobson
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Art Unit	2173
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Attorney Docket Number	JACO0001
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Sheet	1	of	1
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## U. S. PATENT DOCUMENTS

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				
	AA					
	BB					

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Signature**

<b>Data Considered</b>	<p>1. <b>Demographic Data</b></p> <p>2. <b>Geographic Data</b></p> <p>3. <b>Historical Data</b></p> <p>4. <b>Real-time Data</b></p> <p>5. <b>Survey Data</b></p> <p>6. <b>Transactional Data</b></p> <p>7. <b>Operational Data</b></p> <p>8. <b>Financial Data</b></p> <p>9. <b>Marketing Data</b></p> <p>10. <b>Customer Feedback Data</b></p> <p>11. <b>Product Usage Data</b></p> <p>12. <b>Log Data</b></p> <p>13. <b>System Performance Data</b></p> <p>14. <b>Security Data</b></p> <p>15. <b>Compliance Data</b></p> <p>16. <b>Inventory Data</b></p> <p>17. <b>Supply Chain Data</b></p> <p>18. <b>Manufacturing Data</b></p> <p>19. <b>Quality Control Data</b></p> <p>20. <b>Research and Development Data</b></p> <p>21. <b>Patent Data</b></p> <p>22. <b>Competitor Data</b></p> <p>23. <b>Industry Trends Data</b></p> <p>24. <b>Government Data</b></p> <p>25. <b>Public Data</b></p> <p>26. <b>Open Source Data</b></p> <p>27. <b>Academic Data</b></p> <p>28. <b>Medical Data</b></p> <p>29. <b>Legal Data</b></p> <p>30. <b>Environmental Data</b></p> <p>31. <b>Climate Data</b></p> <p>32. <b>Weather Data</b></p> <p>33. <b>Disaster Data</b></p> <p>34. <b>Healthcare Data</b></p> <p>35. <b>Education Data</b></p> <p>36. <b>Transportation Data</b></p> <p>37. <b>Energy Data</b></p> <p>38. <b>Telecommunications Data</b></p> <p>39. <b>Media Data</b></p> <p>40. <b>Entertainment Data</b></p> <p>41. <b>Sports Data</b></p> <p>42. <b>Finance Data</b></p> <p>43. <b>Banking Data</b></p> <p>44. <b>Insurance Data</b></p> <p>45. <b>Real Estate Data</b></p> <p>46. <b>Automotive Data</b></p> <p>47. <b>Aerospace Data</b></p> <p>48. <b>Defense Data</b></p> <p>49. <b>Government Data</b></p> <p>50. <b>Public Data</b></p>
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